

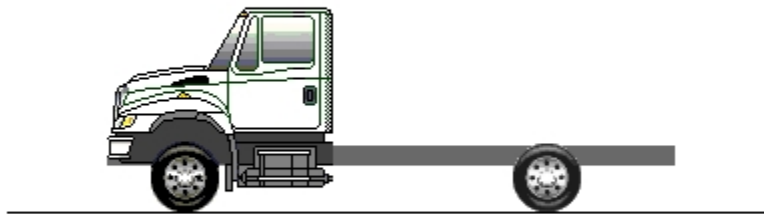
**Prepared For:**

NC SHERIFFS ASSOC.  
 CONTRACT SALES NCSA  
 323 W Jones St.  
 Raleigh, NC 27603-1365  
 (919)743 - 7433  
 Reference ID: HV513

**Presented By:**

White's International Trucks  
 Rick Beavan  
 7045 ALBERT PICK ROAD  
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 GREENSBORO NC 27419 -  
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Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



**Model Profile**  
**2022 HV513 SFA (HV513)**

<b>AXLE CONFIG:</b>	4X2
<b>MISSION:</b>	Requested GVWR: 35000. Calc. GVWR: 35000 Calc. Start / Grade Ability: 30.62% / 4.49% @ 55 MPH Calc. Geared Speed: 79.1 MPH
<b>DIMENSION:</b>	Wheelbase: 191.00, CA: 107.50, Axle to Frame: 63.00
<b>ENGINE, DIESEL:</b>	{International A26} EPA 2017, 365HP @ 1700 RPM, 1250 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 365 Peak HP (Max)
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
<b>CLUTCH:</b>	Omit Item (Clutch & Control)
<b>AXLE, FRONT NON-DRIVING:</b>	{Meritor MFS-12-143A} Wide Track, I-Beam Type, 12,000-lb Capacity
<b>AXLE, REAR, SINGLE:</b>	{Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends Gear Ratio: 4.89
<b>CAB:</b>	Conventional, Day Cab
<b>TIRE, FRONT:</b>	(2) 11R22.5 Load Range G AH37 (HANKOOK), 501 rev/mile, 75 MPH, All-Position
<b>TIRE, REAR:</b>	(4) 11R22.5 Load Range G AH37 (HANKOOK), 501 rev/mile, 75 MPH, All-Position
<b>SUSPENSION, REAR, SINGLE:</b>	23,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs
<b>PAINT:</b>	Cab schematic 100WM Location 1: 9219, Winter White (Std) Chassis schematic N/A

**Description**

Base Chassis, Model HV513 SFA with 191.00 Wheelbase, 107.50 CA, and 63.00 Axle to Frame.

**AXLE CONFIGURATION**

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AXLE CONFIGURATION {Navistar} 4x2

**Notes**

: Pricing may change if axle configuration is changed.

**ENGINE**

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ENGINE, DIESEL {International A26} EPA 2017, 365HP @ 1700 RPM, 1250 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 365 Peak HP (Max)

RADIATOR Aluminum, Welded, Cross Flow, Front to Back System, 1292 SqIn, with 1008 SqIn Charge Air Cooler

**Includes**

: DEAERATION SYSTEM with Surge Tank

: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps

: RADIATOR HOSES Premium, Rubber

FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

**Includes**

: FAN Nylon

AIR CLEANER Single Element

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

COLD STARTING EQUIPMENT Automatic; with Engine ECM Control

EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood

FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted

FEDERAL EMISSIONS {International A26} EPA, OBD and GHG Certified for Calendar Year 2021, for EPA 2017 A26 Engines

**TRANSMISSION**

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TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223

NEUTRAL AT STOP OMIT

OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type

PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission

SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

**CLUTCH**

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CLUTCH Omit Item (Clutch & Control)

**Description****REAR AXLES, SUSPENSIONS**

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AXLE, REAR, SINGLE {Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends . Gear Ratio: 4.89  
SUSPENSION, REAR, SINGLE 23,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs

**FRONT AXLES**

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AXLE, FRONT NON-DRIVING {Meritor MFS-12-143A} Wide Track, I-Beam Type, 12,000-lb Capacity

**FRONT SUSPENSIONS**

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SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers

**CABS, COWLS, BODIES**

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CAB Conventional, Day Cab

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab

AIR CONDITIONER with Integral Heater and Defroster

CAB INTERIOR TRIM Classic, for Day Cab

**Includes**

: CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger

: DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted

: SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap

CAB REAR SUSPENSION Air Bag Type

GAUGE CLUSTER Base Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 3 Inch Monochromatic Text Display

INSTRUMENT PANEL Flat Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

MIRRORS (2) C-Loop, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

**Notes**

: Mirror Dimensions are Rounded to the Nearest 0.5"

MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Sides, Black 7.5" Sq.

SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

**FRAMES**

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FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250" x 3.610" x 0.375" (260.4mm x 91.7mm x 9.5mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Swept Back, Steel, Heavy Duty

WHEELBASE RANGE 163" (415cm) Through and Including 209" (530cm)

**Description****BRAKES**

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BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes

: BRAKE LINES Color and Size Coded Nylon  
: DRAIN VALVE Twist-Type  
: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster  
: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel  
: PARKING BRAKE VALVE For Truck  
: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4  
: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6

AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System

BRAKES, FRONT {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 4", 13,200-lb Capacity

BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqiIn

SLACK ADJUSTERS, FRONT {Gunitex} Automatic

DUST SHIELDS, FRONT BRAKE for Air Cam Brakes

BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqiIn Spring Brake

SLACK ADJUSTERS, REAR {Gunitex} Automatic

DUST SHIELDS, REAR BRAKE for Air Cam Brakes

AIR COMPRESSOR {Bendix BA-921 Head Unload} 15.9 CFM

AIR DRYER {Bendix AD-IP} with Heater

AIR DRYER LOCATION Mounted Outside Left Rail, Back of Cab

AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Back of Cab, Perpendicular to Rail

DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank

**STEERING**

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STEERING GEAR {Sheppard M100} Power

STEERING COLUMN Tilting

STEERING WHEEL 4-Spoke; 18" Dia., Black

**DRIVELINES**

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DRIVELINE SYSTEM {Dana Spicer} SPL170, for 4x2/6x2

**EXHAUST SYSTEMS**

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EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

AFTERTREATMENT COVER Steel, Black

ENGINE COMPRESSION BRAKE by Jacobs; for N13/A26 Engines, with Selector Switch and On/Off Switch

EXHAUST HEIGHT 10'

**Description**

MUFFLER/TAIL PIPE GUARD (1) Aluminum

TAIL PIPE (1) Turnback Type

**ELECTRICAL SYSTEMS**

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ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes

: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab  
: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel  
: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever  
: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light  
: STARTER SWITCH Electric, Key Operated  
: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector  
: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature  
: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever  
: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted  
: WIRING, CHASSIS Color Coded and Continuously Numbered

ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount

BACK-UP ALARM Electric, 102 dBA

BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab

BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud

BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

CIGAR LIGHTER Includes Ash Cup

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

HORN, ELECTRIC Disc Style

POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) & USB Port, Located in the Instrument Panel

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input

RUNNING LIGHT (2) Daytime

SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

STARTING MOTOR {Delco Remy 39MT} 12 Volt, Gear Reduced, with Thermal Over-Crank Protection

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

**FRONT END**

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FRONT END Tilting, Fiberglass, with Three Piece Construction, Includes Long Hood

FENDER EXTENSIONS Rubber

GRILLE Stationary, Chrome

INSULATION, SPLASH PANELS for Sound Abatement

LOGOS EXTERIOR Model Badges

**Description**

LOGOS EXTERIOR, ENGINE Badges

**SPEEDOMETER, TOOLS, MISC**

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PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes

: PAINT SCHEMATIC ID LETTERS "WM"

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PROMOTIONAL PACKAGE Government Silver Package

**FUEL TANKS**

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FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab

DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab

FUEL COOLER Less Thermostat; Mounted in Front of Cooling Module

FUEL/WATER SEPARATOR {Davco Fuel Pro 382} 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor

LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 15" Back of Cab

**WHEELS, TIRES - FRONT**

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WHEELS, FRONT {Maxion 90541} DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

(2) TIRE, FRONT 11R22.5 Load Range G AH37 (HANKOOK), 501 rev/mile, 75 MPH, All-Position

**WHEELS, TIRES - REAR**

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WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

(4) TIRE, REAR 11R22.5 Load Range G AH37 (HANKOOK), 501 rev/mile, 75 MPH, All-Position

**WHEELS MISC OPTIONS**

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PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; with Vendor Applied White Powder Coat Paint

PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint

**Services Section:****WARRANTY**

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WARRANTY Standard for HV513, HV613 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2030A

SAFETY EQUIPMENT &amp; NC OR DOT INSPECTION.

DEALER PDI &amp; PREP

\*\*\*ADIDIONAL OPTIONS ARE AVAILABLE UPON REQUEST.\*\*\*

\*\*\*MATERIAL &amp; GOVERNMENT SURCHARGES ARE NOT DISCOUNTED.\*\*\*

\*\*\*LOCAL INSTALLATIONS BILLED AT NET PRICE, NOT DISCOUNTED.\*\*\*